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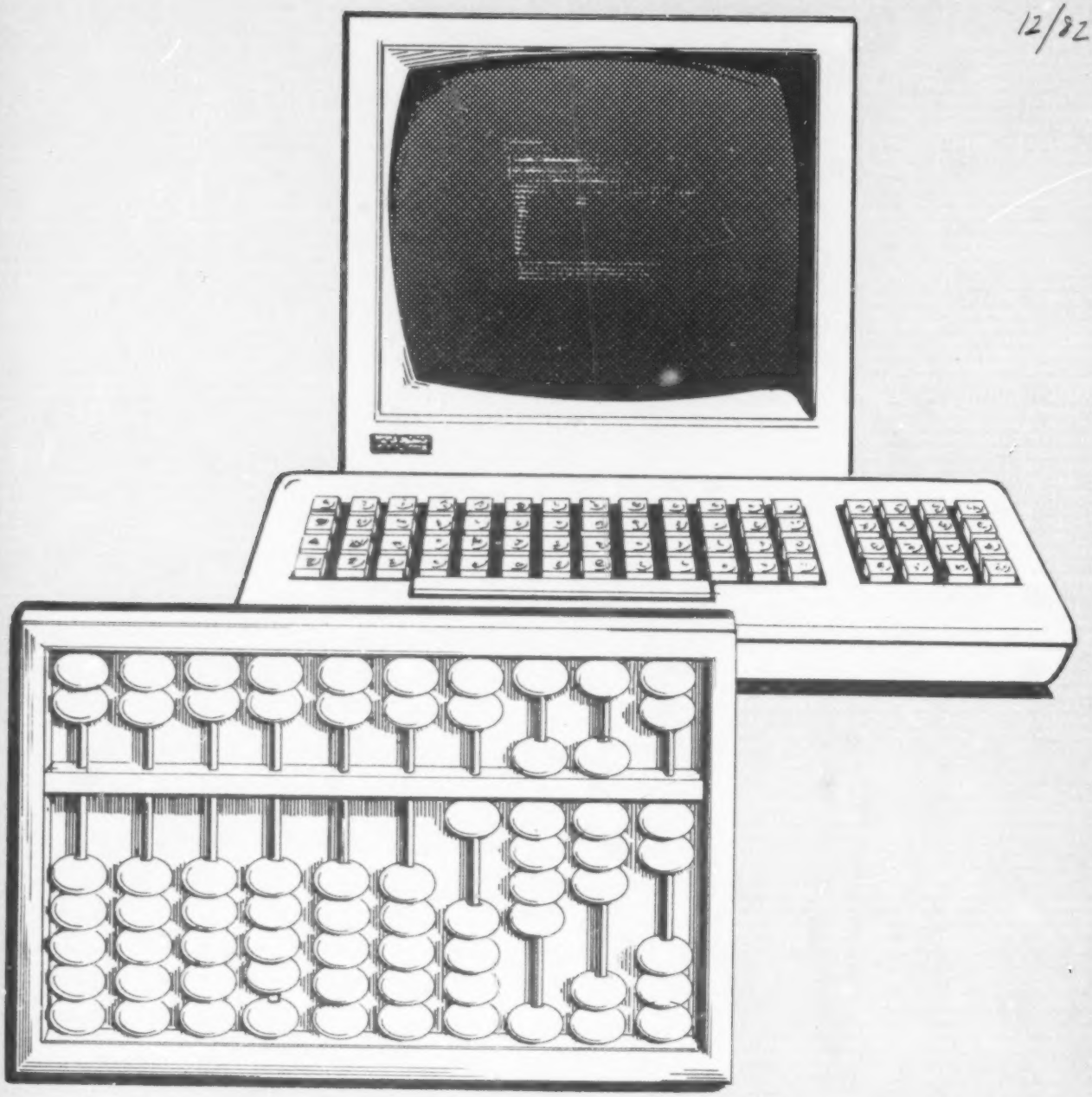

CARPET & RUG **INDUSTRY REVIEW**

1980, 1981

CRI

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Preface

The Carpet and Rug Institute is the national trade association representing the carpet and rug industry in the United States. CRI members are either manufacturers of carpet, rugs or other industry products, or are suppliers of raw materials and services to the industry.

The work of the Institute is under the direction of an elected Chairman and Board of Directors and an appointed President. Each phase of industry activity is assigned to professional staff in such areas as marketing and communications, member services, government and consumer affairs, and technical services.

Lending their time and expertise to assist the staff are personnel from member companies who work on committees and subcommittees.

CRI maintains permanent offices in Dalton, Georgia and in Washington, D.C.

Highlights of 1981

- Shipments totaled $5.2 billion, an increase of 6.8 percent over 1980.
- Total square yards reached 991 million, down 6.4 percent from 1980.
- Tufted's share of market was 95.6 percent on a square yard basis, and 94.4 percent based on dollars.
- Woven products held a 1.4 percent share on a square yard basis and 3.4 percent based on dollars.
- Nylon held an 81.1 percent share of the face fiber market; polypropylene ranked second with 10.2 percent; polyester 8.0 percent; and wool less than one percent.
- Export sales were $335.2 million, up 4.6 percent from 1980.
- The top five markets for U.S. exports were: Saudi Arabia, Canada, the United Kingdom, Kuwait and the United Arab Emirates.
- Imports reached $296.9 million, an increase of 7.5 percent from 1980.
- The top five suppliers to the U.S. were: Belgium, India, Japan, the United Kingdom and China.

Highlights of 1980

- Shipments totaled $4.9 billion, a decrease of 3.6 percent from 1979.
- Total square yards reached 1.1 billion, down 12.2 percent from 1979.
- Tufted's share of market was 95.7 percent on a square yard basis and 94.0 percent based on dollars.
- Woven products held a 1.9 percent share on a square yard basis and 4.0 percent based on dollars.
- Nylon held an 82.7 percent share of the face fiber market; polypropylene ranked second with 9.3 percent; polyester 7.4 percent; and wool less than 1 percent.
- Export sales were $320.3 million, up 50.9 percent from 1979.
- The top five markets for U.S. exports were: Saudi Arabia, the United Kingdom, Canada, Australia and Kuwait.
- Imports reached $276.3 million, an increase of 38.3 percent from 1979.
- The top five suppliers to the U.S. were: Belgium, India, Japan, the United Kingdom and Canada.

Table of Contents

Total Industry Shipments — Square Yards	2
Total Industry Shipments — Dollar Value	3
Tufted Shipments — Square Yards	4
All Other Shipments — Square Yards	4
Broadloom Shipments — Square Yards	4
Total Industry Shipments — Quarterly — Square Yards	4
Tufted Shipments — Dollar Value	5
All Other Shipments — Dollar Value	5
Broadloom Shipments — Dollar Value	5
Total Industry Shipments — Quarterly — Dollar Value	5
Producer Price Index	6
Carpet and Rug Trade Balance	6
Appendix Table 1 — Total Industry Shipments — Square Yards	7
Appendix Table 2 — Total Industry Shipments — Dollar Value	7
Appendix Table 3 — Total Industry Shipments Quarterly Analysis	8
Appendix Table 4 — Total Industry Shipments	9
Appendix Table 5 — Total Broadloom Shipments	9
Appendix Table 6 — Carpet and Rug Fiber Shipments	10
Appendix Table 7 — Exports and Imports	10
Appendix Table 8 — Carpet/Total Textiles Balance of Trade	11
Appendix Table 9 — 1981 Exports of Carpet and Rugs By Type	12
Appendix Table 10 — 1981 Imports of Carpet and Rugs By Type	14
Appendix Table 11 — Primary Backing Consumed	16
Appendix Table 12 — Secondary Backing Consumed	16
Appendix Table 13 — Housing Starts/Tufted Roll Goods and Rugs Larger Than 6' x 9'	17

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Data Compiled and Published by

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Dalton, GA 30720
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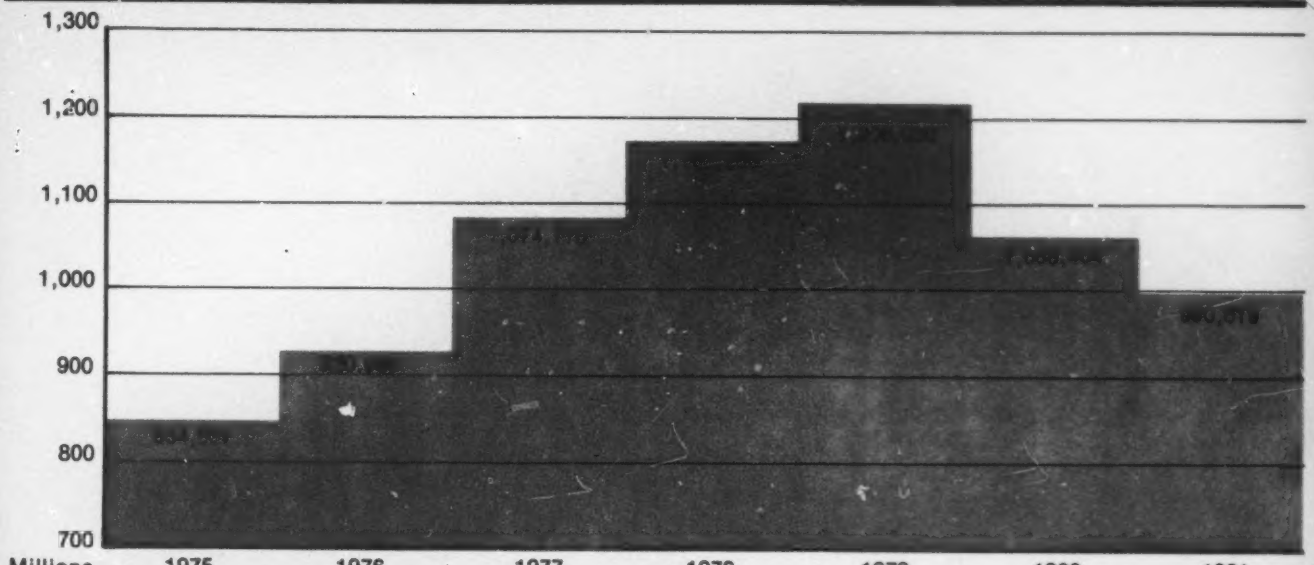
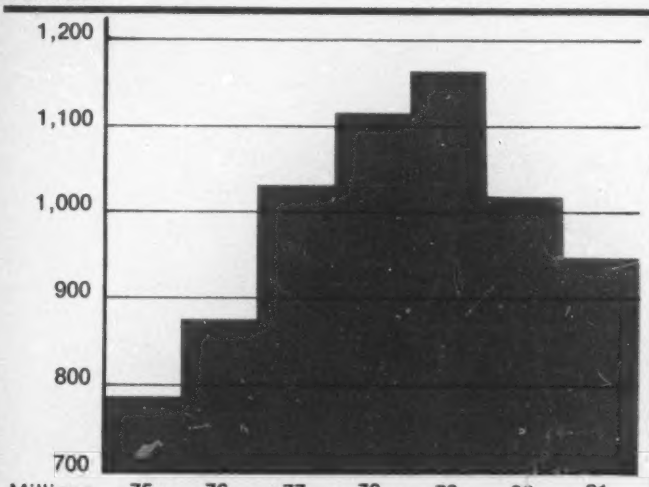
TOTAL INDUSTRY SHIPMENTS — SQUARE YARDS



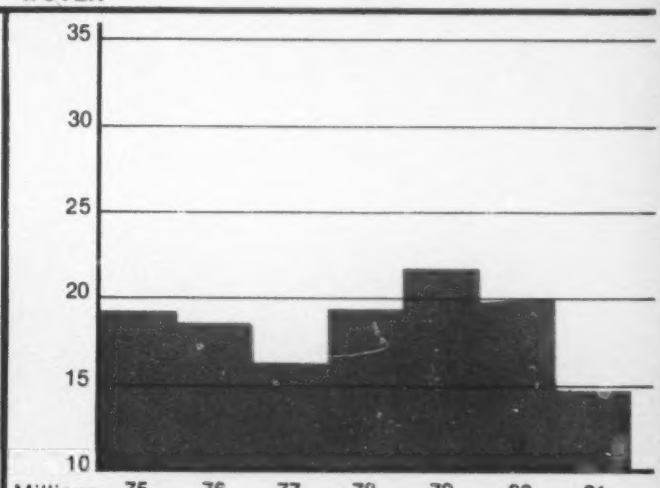
Includes all tufted, woven, and all other carpet and rugs.

TUFTED



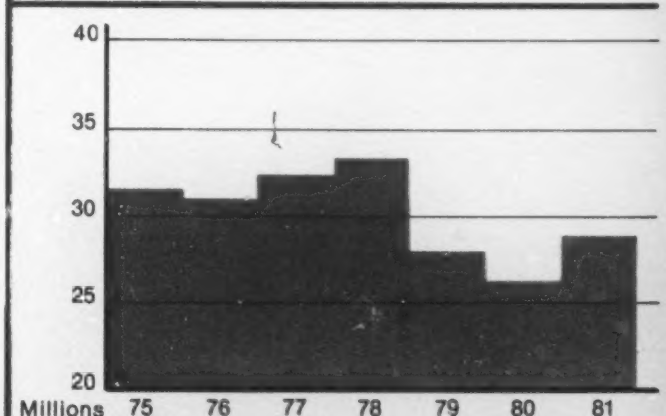
Includes rugs and roll goods larger than 6' x 9', rugs smaller than 6' x 9', tufted artificial grass for non-athletic surfaces, and automobile and aircraft carpet.

WOVEN



Includes Velvet, Wilton, Axminster and other types of woven carpet and rugs.

ALL OTHER



Includes knitted, needlepunch, braided, hooked and other carpet and rugs not elsewhere classified (N.E.C.).

Refer to Appendix Table 1, page 7, for additional data.

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

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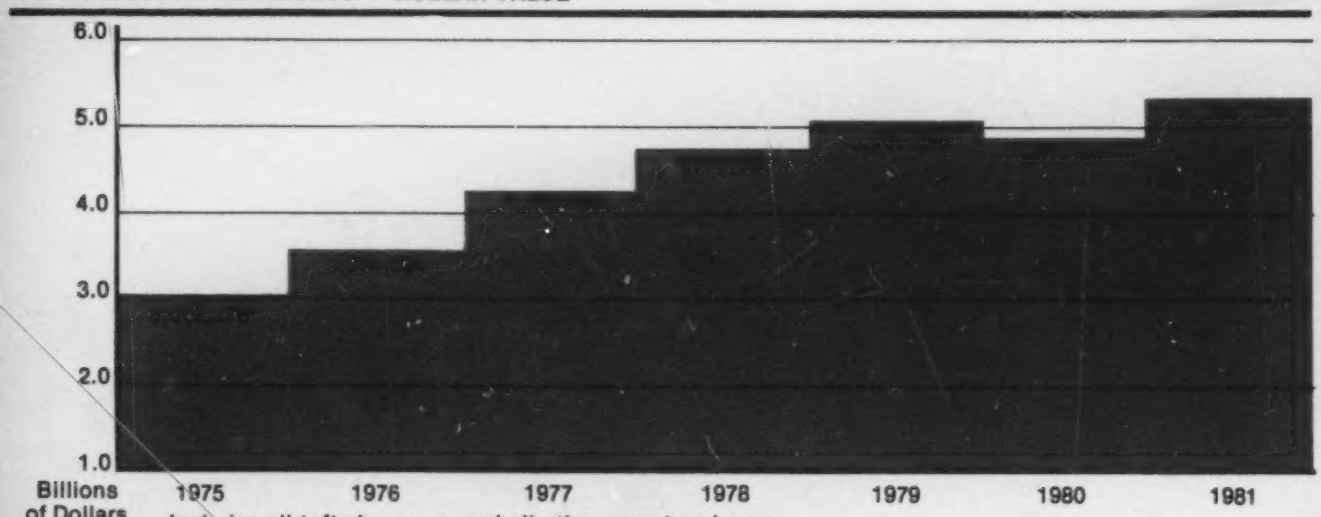
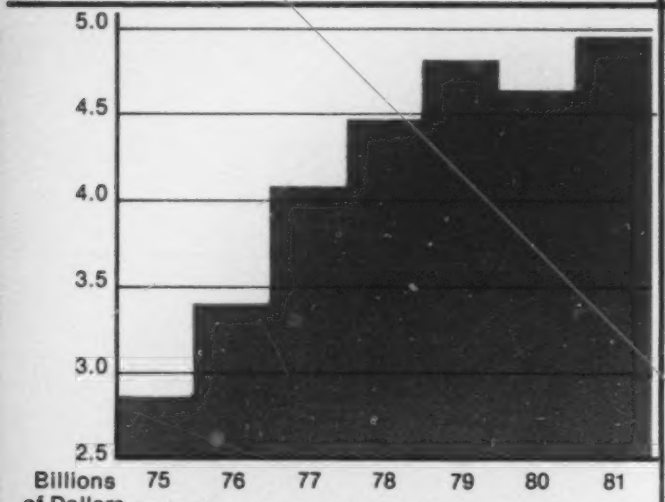
TOTAL INDUSTRY SHIPMENTS — DOLLAR VALUE



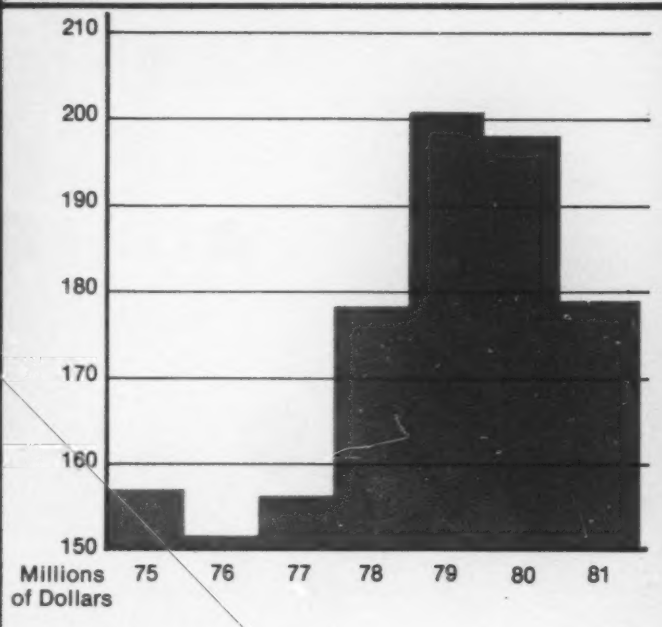
Includes all tufted, woven, and all other carpet and rugs.

TUFTED

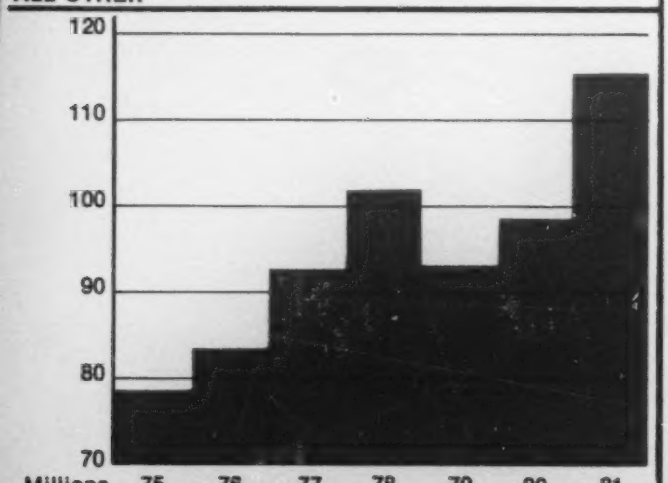


Includes rugs and roll goods larger than 6' x 9', rugs smaller than 6' x 9', tufted artificial grass for non-athletic surfaces and automobile and aircraft carpet.

WOVEN



ALL OTHER



Includes knitted, needlepunch, braided, hooked and other carpet and rugs N.E.C.

Refer to Appendix Table 2, page 7, for additional data.

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

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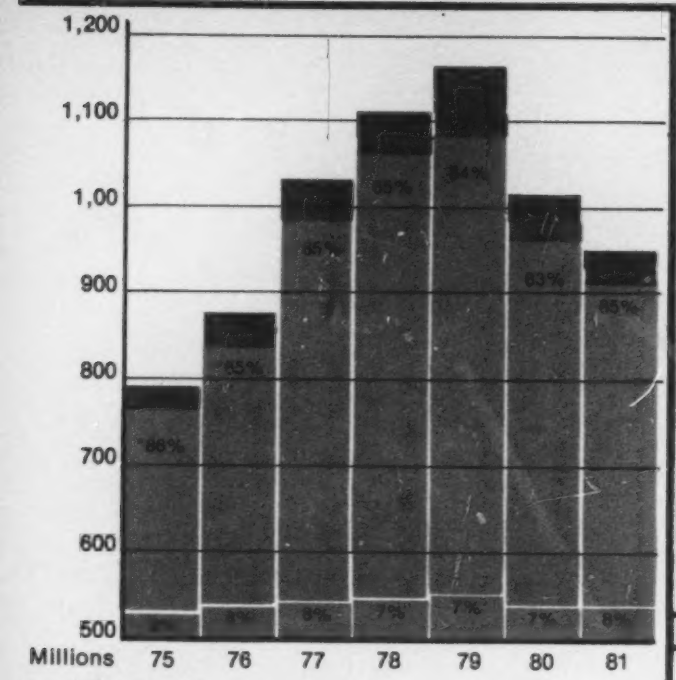
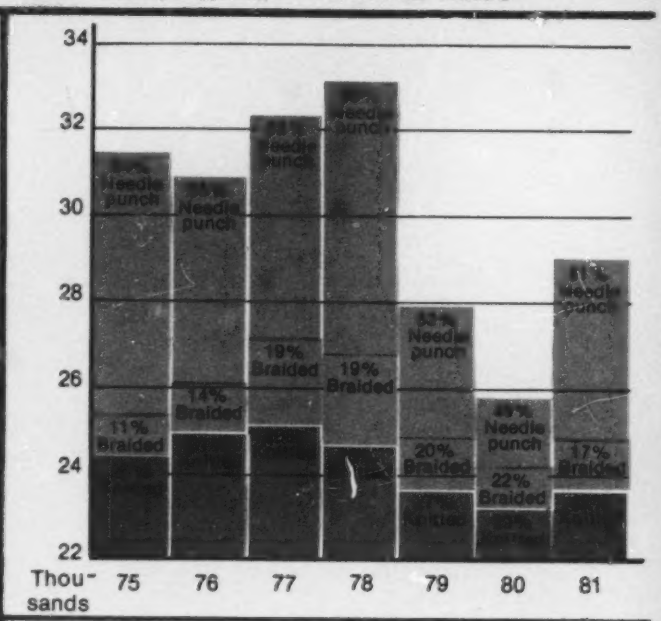
TUFTED SHIPMENTS — SQUARE YARDS



ALL OTHER SHIPMENTS — SQUARE YARDS



Scatter rugs, bathmats, and sets (rugs 6' x 9' and smaller)

Roll goods and rugs larger than 6 ' x 9', excluding artificial grass

[1]Tufted artificial grass for non-athletic surfaces

Automobile and aircraft carpet

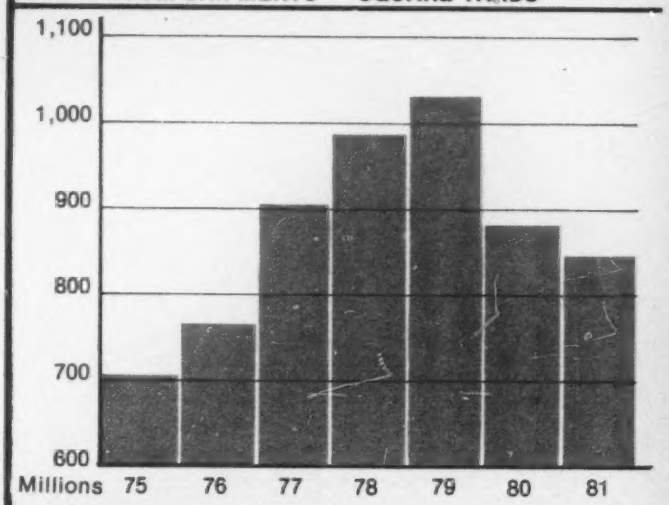
* Includes artificial grass

Refer to Appendix Table 1 and 3 for additional data.

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22 .

[1]Data for 1975, 1976 and 1977 included with roll goods larger than 6' x 9'.

BROADLOOM SHIPMENTS — SQUARE YARDS



TOTAL INDUSTRY SHIPMENTS — QUARTERLY — SQUARE YARDS

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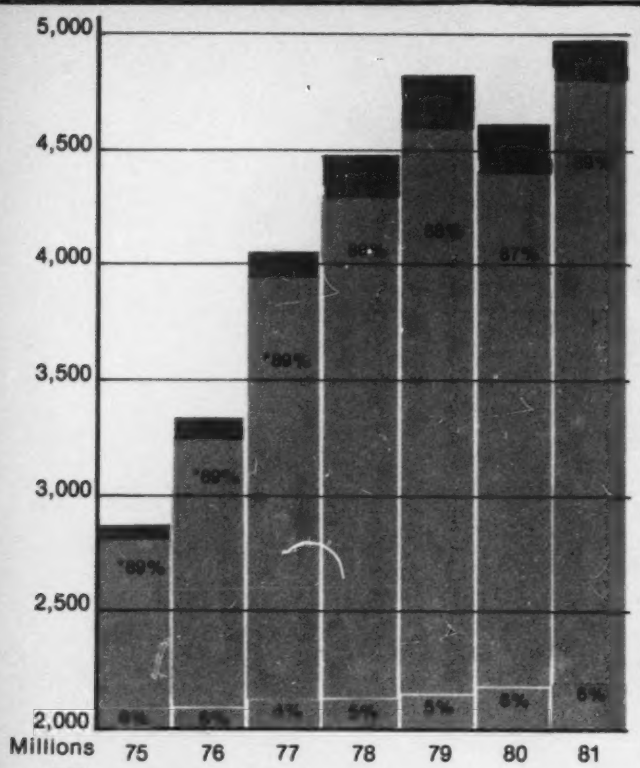
TUFTED SHIPMENTS — DOLLARS

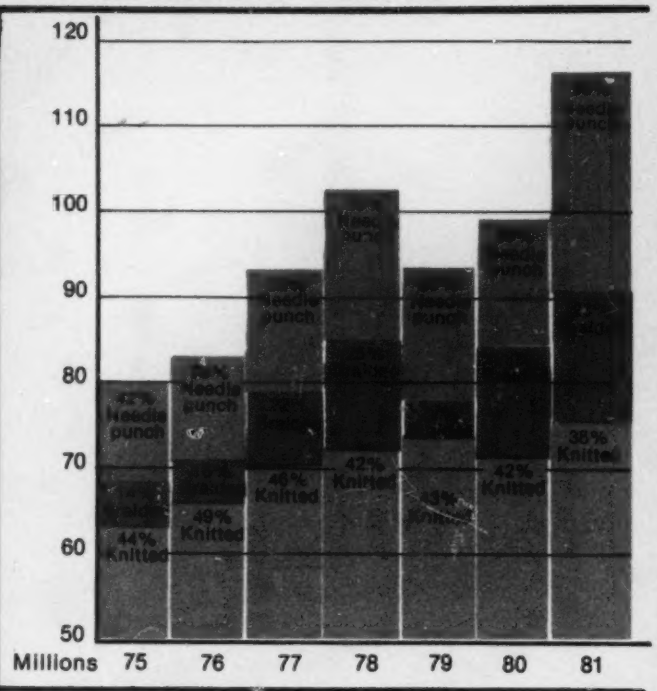


- Scatter rugs, bathmats and sets (rugs 6' x 9' and smaller)
- Roll goods and rugs larger than 6 ' x 9', excluding artificial grass
- [1]Tufted artificial grass for non-athletic surfaces
- Automobile and aircraft carpeting
- * Includes artificial grass

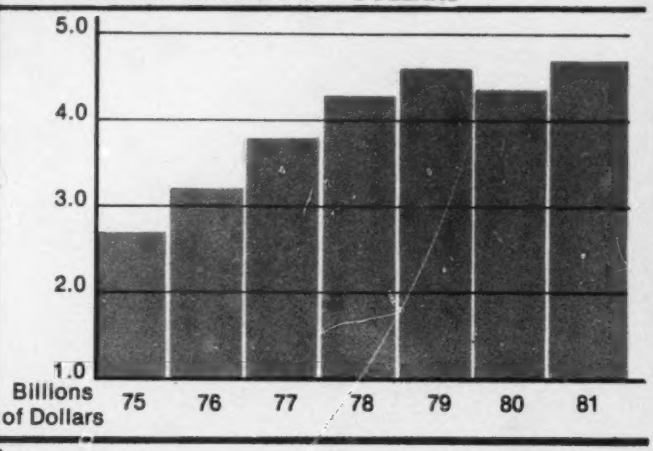
Refer to Appendix Tables 2 and 3 for additional data.

[1]Data for 1975, 1976 and 1977 included with roll goods larger than 6' x 9'.

ALL OTHER SHIPMENTS — DOLLARS

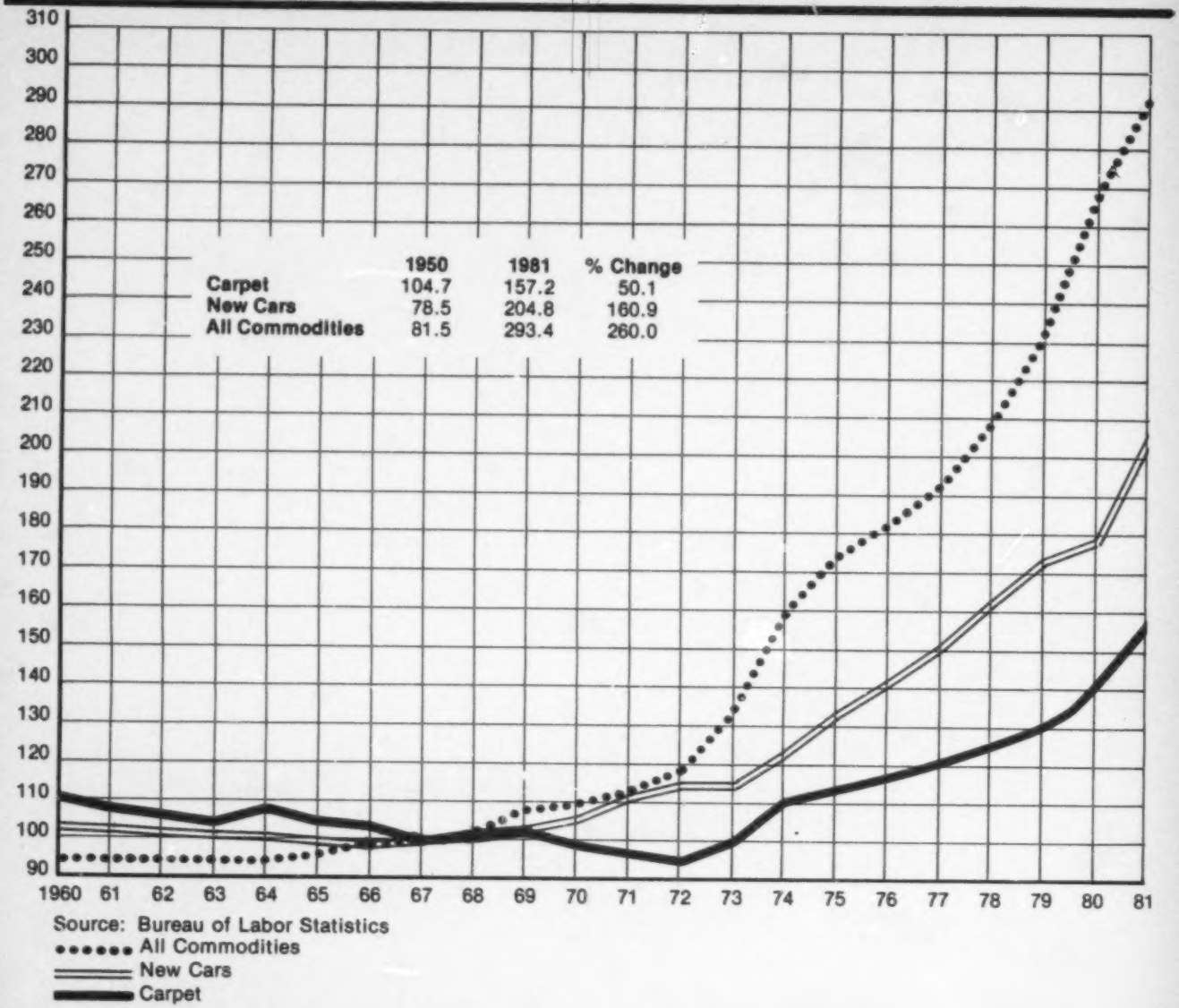


BROADLOOM SHIPMENTS — DOLLARS

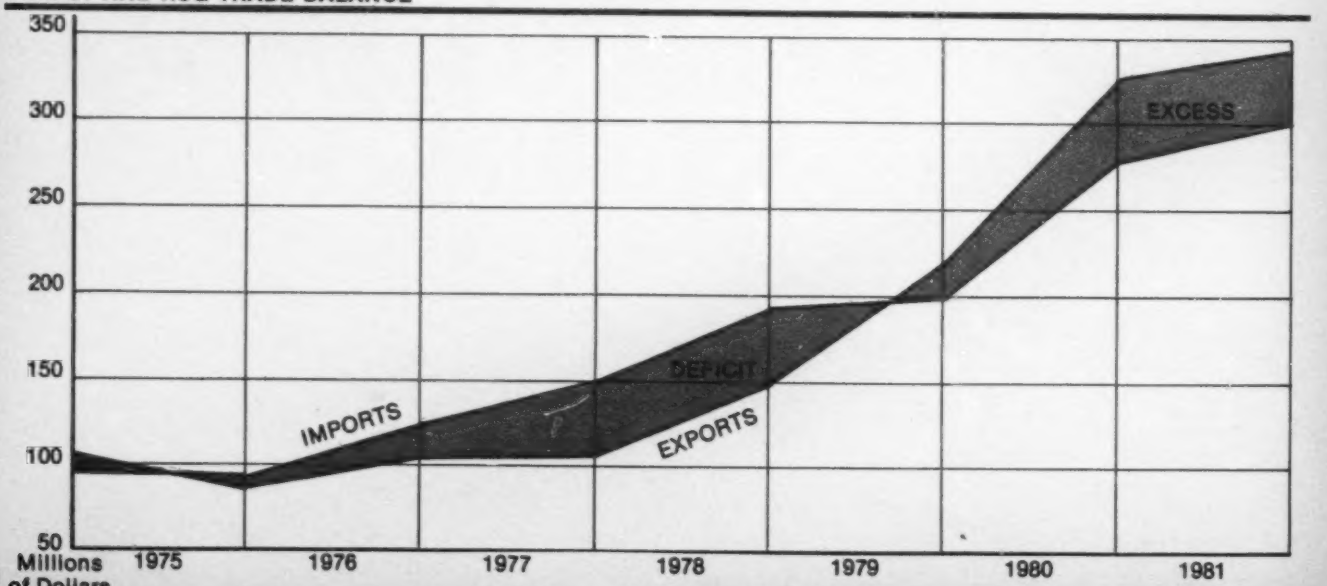


TOTAL INDUSTRY SHIPMENTS — QUARTERLY — DOLLARS

PRODUCER PRICE INDEX (1967 = 100%)



CARPET AND RUG TRADE BALANCE



APPENDIX TABLE 1 TOTAL INDUSTRY SHIPMENTS — SQUARE YARDS (000's Omitted)

	1975	1976	1977	1978	1979	1980	1981
TUFTED	783,665	871,936	1,025,827	1,110,026	1,156,786	1,012,794	947,221
Rugs smaller than 6' x 9'	64,285	65,960	79,737	81,072	80,751	73,711	72,300
Rugs & roll goods larger than 6' x 9'	676,713	743,879	875,882	947,344	973,738	837,809	808,477
[1]Artificial Grass for non-athletic surfaces	—	—	—	16,076	30,712	33,050	22,596
Automotive & aircraft	42,667	62,097	70,208	65,534	71,585	68,224	43,848
WOVEN	18,961	18,103	16,037	18,975	21,281	19,785	14,507
ALL OTHER	31,411	30,957	32,246	33,255	27,963	25,825	28,891
Knitted	7,749	9,625	9,254	7,677	7,617	7,386	6,388
Needlepunch	20,106	17,068	16,838	19,290	14,806	12,681	17,601
Braided, Hooked and Other N.E.C.	3,556	4,264	6,154	6,288	5,540	5,758	4,902
TOTAL INDUSTRY	834,037	920,996	1,074,110	1,162,256	1,206,030	1,058,404	990,619

[1]Data for 1975, 1976 and 1977 included with roll goods larger than 6' x 9'.
Figures may not add due to rounding.
Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

APPENDIX TABLE 2 TOTAL INDUSTRY SHIPMENTS — DOLLAR VALUE (000's Omitted)

	1975	1976	1977	1978	1979	1980	1981
TUFTED	2,855,963	3,339,463	4,050,254	4,492,840	4,805,357	4,617,518	4,956,474
Rugs smaller than 6' x 9'	173,941	189,021	242,860	247,382	251,973	273,323	298,053
Roll goods & rugs larger than 6' x 9'	2,552,852	2,976,671	3,618,081	3,993,648	4,239,270	4,013,669	4,398,367
[1]Artificial Grass for non-athletic surfaces	—	—	—	43,209	70,799	78,437	59,132
Automotive & aircraft	129,170	173,771	189,313	208,601	243,315	252,089	200,922
WOVEN	156,646	151,763	155,808	178,121	200,351	197,772	178,559
ALL OTHER	79,567	83,408	92,598	101,589	93,382	98,554	115,358
Knitted	34,671	40,716	42,958	42,489	40,703	41,595	44,295
Needlepunch	33,429	29,010	29,457	33,535	32,401	29,052	45,145
Braided, Hooked and Other N.E.C.	11,467	13,682	20,183	25,565	20,278	27,907	25,918
TOTAL INDUSTRY	3,092,176	3,574,634	4,298,660	4,772,550	5,099,090	4,913,844	5,250,391

[1]Data for 1975, 1976 and 1977 included with roll goods larger than 6' x 9'.
Figures may not add due to rounding.
Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

APPENDIX TABLE 3 TOTAL INDUSTRY — QUARTERLY ANALYSIS (000's Omitted)

YEAR	QUARTER	SQUARE YARDS	DOLLARS
1981		990,619	$5,250,391
	1st	241,803	1,217,186
	2nd	278,675	1,461,655
	3rd	252,530	1,379,518
	4th	217,611	1,192,032
1980		1,058,404	$4,913,844
	1st	287,880	1,307,283
	2nd	254,327	1,167,474
	3rd	246,290	1,152,448
	4th	269,907	1,286,639
1979		1,206,030	$5,099,090
	1st	279,379	1,141,597
	2nd	299,117	1,272,327
	3rd	309,750	1,309,453
	4th	317,784	1,375,713
1978		1,162,256	$4,772,550
	1st	264,928	1,070,747
	2nd	303,397	1,241,364
	3rd	294,959	1,205,734
	4th	298,972	1,254,705
1977		1,074,110	$4,298,660
	1st	246,547	969,050
	2nd	272,775	1,071,193
	3rd	270,530	1,095,901
	4th	284,258	1,162,516
1976		920,996	$3,574,634
	1st	221,693	840,558
	2nd	234,733	891,606
	3rd	231,946	918,095
	4th	232,624	924,375
1975		834,037	$3,092,176
	1st	175,653	652,019
	2nd	212,868	773,651
	3rd	223,801	828,309
	4th	221,715	838,197

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

APPENDIX TABLE 4 TOTAL INDUSTRY SHIPMENTS

(Includes all woven, all tufted and all other carpet and rugs combined)

YEAR	SQUARE YARDS (000's)	% Inc. or Dec.	MILL VALUE (000's)	% Inc. or Dec.	PRICE/SQUARE YARD	% Inc. or Dec.
1962	281,714	—	$ 956,670	—	$ 3.40	—
1963	319,489	+13.4	1,074,526	+12.3	3.36	- 1.2
1964	374,384	+17.2	1,241,511	+15.5	3.32	- 1.2
1965	430,257	+14.9	1,382,404	+11.3	3.21	- 3.3
1966	469,197	+ 9.1	1,497,588	+ 8.3	3.19	- 0.6
1967	496,794	+ 5.9	1,615,534	+ 7.9	3.25	+ 1.9
1968	586,155	+18.0	1,972,347	+22.1	3.36	+ 3.4
1969	642,645	+ 9.6	2,186,562	+10.9	3.40	+ 1.2
1970	680,479	+ 5.9	2,215,111	+ 1.3	3.26	- 4.1
1971	755,159	+11.0	2,395,519	+ 8.1	3.17	- 2.8
1972	943,006	+24.9	2,936,284	+22.6	3.11	- 1.9
1973	1,025,389	+ 8.7	3,360,521	+14.5	3.28	+ 5.5
1974	939,133	- 8.4	3,328,844	- 0.9	3.54	+ 7.9
1975	834,037	-11.2	3,092,176	- 7.1	3.71	+ 4.8
1976	920,996	+10.4	3,574,634	+15.6	3.88	+ 4.6
1977	1,074,110	+16.6	4,298,660	+20.3	4.00	+ 3.1
1978	1,162,256	+ 8.2	4,772,550	+11.0	4.11	+ 2.8
1979	1,206,030	+ 3.8	5,099,000	+ 6.8	4.23	+ 2.9
1980	1,058,404	-12.2	4,913,844	- 3.9	4.64	+ 9.7
1981	990,619	- 6.4	5,250,391	+ 6.8	5.30	+14.2

APPENDIX TABLE 5 TOTAL BROADLOOM SHIPMENTS

(Includes all woven and knitted goods plus tufted roll goods and rugs larger than 6' x 9')

YEAR	SQUARE YARDS (000's)	% Inc. or Dec.	MILL VALUE (000's)	% Inc. or Dec.	PRICE/SQUARE YARD	% Inc. or Dec.
1962	195,103	—	$ 787,013	—	$ 4.03	—
1963	225,332	+15.5	891,005	+13.2	3.95	- 2.0
1964	265,008	+17.6	1,003,398	+16.0	3.90	- 1.3
1965	301,143	+13.6	1,135,892	+ 9.9	3.77	- 3.3
1966	331,279	+10.0	1,222,964	+ 7.7	3.69	- 2.1
1967	368,590	+11.3	1,327,148	+ 8.5	3.60	- 2.4
1968	434,640	+17.9	1,631,226	+22.9	3.75	+ 4.2
1969	494,686	+13.8	1,862,027	+14.1	3.76	+ 0.3
1970	536,352	+ 8.4	1,908,417	+ 2.5	3.56	- 5.3
1971	589,920	+10.0	2,063,071	+ 8.1	3.50	- 1.7
1972	768,389	+30.3	2,594,968	+25.8	3.38	- 5.4
1973	842,240	+ 9.6	2,995,857	+15.5	3.56	+ 5.3
1974	788,944	- 6.3	2,975,069	- 0.7	3.77	+ 5.9
1975	703,423	-10.8	2,744,169	- 7.8	3.90	+ 3.4
1976	771,607	+ 9.7	3,169,150	+15.5	4.11	+ 5.4
1977	901,173	+16.8	3,816,847	+20.4	4.24	+ 3.2
1978	990,072	+ 9.9	4,257,467	+11.5	4.30	+ 1.4
1979	1,033,348	+ 4.4	4,551,123	+ 6.9	4.40	+ 2.3
1980	898,030	-13.1	4,331,473	- 4.8	4.82	+ 9.5
1981	851,968	- 5.1	4,680,353	+ 8.1	5.49	+13.9

APPENDIX TABLE 6 CARPET AND RUG FIBER SHIPMENTS (MM pounds)

	1979	1980					1981				
		1st Q	2nd Q	3rd Q	4th Q	Total	1st Q	2nd Q	3rd Q	4th Q	Total
Nylon BCF	733	183.5	157.5	159.3	204.2	714.5	184.0	186.9	146.6	116.1	633.6
Nylon Staple	828	149.4	115.8	171.3	195.0	631.5	185.7	192.7	136.3	102.7	617.4
Polyester Staple	192	32.2	25.1	23.9	38.7	119.9	27.0	37.6	29.2	30.2	124.0
Polypropylene BCF & Slit Film	86	24.3	20.9	20.4	23.9	89.5	21.5	22.7	22.0	23.3	89.5
Polypropylene Staple	65	14.9	14.7	14.6	17.4	61.6	16.1	17.7	17.3	16.4	67.5
Wool	10	3.0	3.0	2.0	2.0	10.0	3.0	2.0	3.0	3.0	11.0
TOTALS	1914	407.3	337.0	401.5	481.2	1627.0	437.3	459.6	354.4	291.7	1543.0

Source: Textile Organon, Textile Economics Bureau.

APPENDIX TABLE 7 CARPET/RUG EXPORTS

YEAR	SQUARE YARDS	DOLLARS*
1975	20,895,000	$ 86,173,000
1976	24,630,000	102,456,000
1977	23,865,000	105,786,000
1978	31,763,000	147,322,000
1979	43,763,000	212,272,000
1980	68,617,000	320,281,000
1981	60,460,447	335,172,000

Source: U. S. Department of Commerce, Bureau of the Census, EM 522 and 526.

*F.A.S. Country of Origin - not including freight and duty cost.

CARPET/RUG IMPORTS

YEAR	SQUARE YARDS	DOLLARS*
1975	10,751,000	$ 87,292,000
1976	13,988,000	119,705,000
1977	13,871,000	146,319,000
1978	15,032,000	189,846,000
1979	14,151,000	199,752,000
1980	13,797,741	276,311,000
1981	14,155,000	296,976,000

Source: U. S. Department of Commerce, Bureau of the Census, IM 145 and 146.

*F.A.S. Country of Origin - not including freight and duty cost.

APPENDIX TABLE 8 CARPET/TOTAL TEXTILES BALANCE OF TRADE

PERIOD	IMPORTS	EXPORTS	BALANCE OF CARPET TRADE*	BALANCE OF TEXTILE TRADE*
1975	$ 87,292,000	$ 86,173,000	- 1.29%	- 46.38%
1976	119,705,000	102,456,000	- 14.41%	- 52.94%
1977	146,319,000	105,786,000	- 27.71%	- 56.69%
1978	189,846,000	147,322,000	- 22.40%	- 63.06%
1979	199,752,000	212,272,000	+ 6.26%	- 49.10%
1980	276,311,000	320,281,000	+15.91%	- 45.81%
1981	296,976,000	335,172,000	+12.86%	- 45.84%

*Expressed as percent.

Sources: U. S. Department of Commerce, Bureau of the Census, IM 145, IM 146, EM 522, and EM 546.

APPENDIX TABLE 9 1981 EXPORTS OF CARPET AND RUGS BY TYPE (000's Omitted)

Country of Destination	TUFTED		MACHINE WOVEN		NEEDLEPUNCH		ALL OTHERS		TOTAL	
	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars
Angola & Cabinda		2	2	7				2	3	11
Argentina	728	3,226	178	1,001	11	18	26	196	944	4,446
Australia	3,124	13,595	535	1,535	178	324	172	856	4,009	16,308
Austria	34	174	1	31	13	24	5	74	53	304
Bahamas	204	1,098	139	904		3	2	7	347	2,024
Bahrain	524	3,350	16	104			9	29	550	3,484
Bangladesh			1	5			1	8	2	13
Barbados	26	141	53	285	4	10	7	44	90	479
Belgium & Luxembourg	225	1,353	675	1,657			33	135	963	3,145
Belize	1	8	3	26			2	11	7	45
Bermuda British	162	966	38	339	1	2	30	145	233	1,453
Bolivia	25	186	12	48			8	21	45	254
Brazil	2	4		4			1	133	3	140
Brunei	19	135							19	135
Cameroon							7	41	8	41
Canada	5,660	33,598	759	4,234	791	1,440	1,065	4,672	8,274	43,944
Canary Islands	9	50	1	7			4	30	14	88
Cayman Islands	46	270	56	192			19	76	121	539
Chile	968	4,985	237	1,201			72	463	1,278	6,648
China (Mainland)	24	159							24	159
China (Taiwan)	27	171	32	592			14	115	73	877
Columbia	379	1,352	46	374	2	7	139	858	565	2,590
Costa Rica	8	50	4	22			15	86	15	85
Cyprus	63	399	6	33			1	6	71	437
Denmark	10	31				1	54	241	64	274
Dominican Republic	64	329	18	125	1	2	21	71	105	528
Ecuador	5	32	1	10			3	25	9	66
Egypt	73	260	42	146	2	3	25	67	143	475
El Salvador		2	3	8				2	3	12
Finland	20	85	1	5			10	79	31	190
France	142	739	223	501	7	30	37	531	410	1,800
French Guiana				2					1	3
Gabon			1	5			1	5	1	10
Gambia			1	1					1	1
Gaza Strip	8	35							8	35
Germany (West)	380	2,510	107	2,216	8	19	482	6,297	977	11,043
Ghana	6	22	16	54					22	76
Greece	7	35	3	52			5	28	14	115
Guatemala	20	106	11	167			16	69	48	344
Guinea		1	1	8			7	26	8	35
Guyana	1	2	1	9					1	11
Haiti	11	39	10	30			3	12	25	81
Honduras	18	140	25	128	1	6	6	25	50	299
Hong Kong	539	3,070	300	750			36	266	876	4,086
Iceland	12	160	64	340				4	77	503
India	28	76		1					28	78
Indonesia	50	376	1	35					51	410
Ireland	95	309	33	117			2	16	129	442
Israel	108	737	2	28		1	8	59	119	824
Italy	72	346	40	269	11	20	19	351	144	986
Ivory Coast	26	77					32	84	32	84
Jamaica	169	729	7	49			177	232	354	1,010
Japan	1,584	8,275	153	1,429	3	14	165	1,198	1,906	10,914
Jordan	172	850	69	296			22	244	264	1,390
Kenya	1	1	1	8				1	2	9
Korea (Republic)	6	33	1	9			4	27	12	68
Kuwait	4,903	26,915	153	1,050			18	242	5,071	28,206

Country of Destination	TUFTED		MACHINE WOVEN		NEEDLEPUNCH		ALL OTHERS		TOTAL	
	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars
Lebanon	87	613	15	115			37	181	140	907
Leeward & Windward Islands	51	319	84	258	2	5	23	58	161	639
Liberia	22	88	4	27				6	26	118
Libya	2	28	3	31			4	17	9	79
Malaysia	36	173	6	44			4	33	46	250
Malta & Gazo	3	20							3	20
Mexico	226	1,356	245	2,166	5	10	159	709	637	4,240
Morocco				1						1
Nepal			1	11					1	11
Netherlands	224	844	3	163	3	5	20	1,167	252	1,171
Netherlands Antilles	95	463	92	430		5	20	123	208	1,021
New Guinea			2	2					2	3
New Zealand	22	80	52	73			20	78	94	230
Nicaragua				2			1	1	1	3
Niger	5	11		6					5	18
Nigeria	25	123	10	71			15	170	50	365
Norway	177	721	48	322			24	147	250	1,189
Oman	229	1,203	49	249			4	19	282	1,471
Pacific Islands (French)	6	77	15	91			7	11	28	179
Pacific Islands (Other)	3	19	7	37			1	9	11	67
Pacific Islands (Trust of)		2	7	20				4	9	28
Pakistan	2	27							2	27
Panama	104	745	46	288	1	3	130	656	281	1,691
Paraguay	2	17	15	35			2	42	18	93
Peru	60	304	10	73			11	67	80	443
Philippines			5	91			3	17	8	108
Portugal		1						8		9
Qatar	581	3,503	20	166				5	601	3,674
Romania		1								1
Saudi Arabia	13,810	78,673	1,085	9,037			267	1,716	15,162	89,424
Somalia	9	58	7	29					17	88
Singapore	625	3,400	50	224			27	158	703	3,782
South Africa (Republic of)	440	1,455	209	723			40	339	689	3,516
Southwest Africa								2		2
Spain	3	32	11	37			9	57	22	125
Sudan	13	47		1					13	48
Surinam	16	103	4	38			7	161	28	177
Sweden	252	986	665	2,186			480	1,770	1,398	4,943
Switzerland & Liechtenstein	74	538	47	1,628	12	22	92	833	224	6,911
Syria	81	311							81	311
Tanzania			1	2					1	2
Thailand	1	14		2			14	59	15	75
Trinidad & Tobago	345	1,195	244	1,089	6	13	61	208	656	2,789
Turkey				14						14
Turk Islands		1	1	2			2	3	2	5
Uganda				3						3
United Arab Emirates	3,108	17,060	56	313			6	192	3,172	17,567
United Kingdom	5,496	27,819	244	1,807		1	349	4,259	6,088	33,886
Uruguay	96	363	23	109					120	473
Venezuela	63	432	35	224			15	84	113	740
West Africa	2	16	1	5			37	62	40	83
West Indies (French)		1	1	8				1	1	9
Yemen (Sana)	3	24					1	9	5	33
Zaire	3	17	4	35					7	51
TOTALS	47,190	254,877	7,509	42,737	1,062	1,988	4,677	31,651	60,458	335,170

Source: U. S. Department of Commerce, Bureau of the Census, EM 546.
Note: Dollar value reported F. A. S. country of origin - not including freight and duty cost.
Note: Due to rounding, figures may not total exact amount listed.

APPENDIX TABLE 10 1981 IMPORTS OF CARPET AND RUGS BY TYPE (000's Omitted)

Country of Origin	TUFTED		BRAIDED		HANDMADE ORIENTALS		MACHINE WOVEN		ALL OTHER		TOTAL	
	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars
Afghanistan		18		1	30	2,237	2	7	20	457	52	2,720
Australia	54	833		2	1	11				1	55	847
Austria						1		1	6	137	6	139
Azores										4		4
Bahrain										14		14
Bangladesh		2	2	18		2	10	86		11	12	119
Belgium & Luxembourg	235	2,186	11	138	1	81	2,218	28,513	66	438	2,531	31,356
Bolivia						16				3		19
Brazil				1		4	284	982	74	199	358	1,186
Bulgaria						48						48
Canada	674	2,651	2	3	1	44	31	704	11	154	719	3,556
Canary Islands		3										3
China (Mainland)	185	5,367		39	635	49,891	8	140	43	249	871	55,686
China (Taiwan)	4	105	27	106	4	355		10	1	27	36	603
Columbia				1		3						4
Czechoslovakia						1		4				5
Denmark	18	186		2	1	39	91	1,805	28	259	138	2,291
Ecuador						11				2		13
Egypt					3	720		3	9	138	12	861
El Salvador		2										2
Ethiopia						24				10		34
Finland		18		13		2			6	168	6	201
France	2	12	3	17	2	384	19	537	21	267	47	1,217
Germany (East)								4				4
Germany (West)	36	405		2	5	1,447	35	921	271	1,932	347	4,707
Greece	34	406			1	28	33	335	3	72	71	841
Guatemala		3				1				1		5
Haiti	9	243	1	10					5	9	15	262
Hong Kong	42	2,311			2	15		14		34	44	2,374
Hungary						13			3	57	3	70
India	1	3	25	129	794	41,669	314	1,682	1,305	9,382	2,439	52,865
Indonesia						1						1
Iran					184	34,615		78	3	295	187	34,988
Iraq						4						4
Ireland	2	63				18	261	4,607	438	2,812	701	7,500
Israel		26			1	72	4	137		5	5	240
Italy	8	73				6	120	1,483	18	77	146	1,639
Japan	58	173	2,338	7,767	2	113	23	196	84	140	2,505	8,389
Kenya										1		1
Korea (Republic of)	16	312				8					16	320
Kuwait						11		2		18		31
Latvia						2						2
Lesotho										5		5
Macao										2		2
Malaysia						1				3		4
Malta & Gozo						4						4
Mexico		16		8		16		4	146	860	146	904
Mongolia						1						1
Morocco		2			13	663	1	18	3	98	17	781
Nepal					10	375		1	1	24	11	400
Netherlands	81	847				15	129	2,862	183	1,051	393	4,775
New Guinea	2	24									2	24
New Zealand	39	496				1	75	1,397	3	45	117	1,939
Norway					1	23				9	1	32

Country of Origin	TUFTED		BRAIDED		HANDMADE ORIENTALS		MACHINE WOVEN		ALL OTHER		TOTAL	
	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars
Pakistan		15		29	306	28,157		3	28	190	334	28,394
Peru		1		5	1	48			5	83	6	137
Phillippines	7	24	4	17		26	1	13		13	12	93
Poland						1	14	270	5	191	19	462
Portugal	2	37		2	6	274	11	76	33	591	52	980
Romania	3	38			76	6,969			24	889	103	7,896
Saudi Arabia						14		7		2		23
Singapore	2	10			1	38					3	48
South Africa (Republic of)						20	35	576	1	59	36	655
Spain	1	12			4	181	67	1,092	5	39	77	1,324
Sri Lanka		12								1		13
Swaziland										2		2
Sweden	2	10		5		4	1	18	2	34	5	71
Switzerland	1	39			1	77	34	1,094	4	86	40	1,296
Syria						1						1
Thailand	66	2,317			1	71	2	66		1	69	2,455
Tunisia			1	47		2		11	5	196	6	256
Turkey		9		3	34	4,435	13	219	46	849	93	5,515
United Arab Emirates					1	271					1	271
United Kingdom	83	1,266		4	5	669	1,185	20,738	9	176	1,282	22,853
Uruguay						4				3		7
U.S.S.R.					1	103				1	1	104
Yemen (South)							5	42			5	42
Yugoslavia		1				22	2	11		2	2	36
TOTALS	1,667	20,577	2,414	8,369	2,128	174,383	5,028	70,769	2,918	22,878	14,155	296,976

Source: U. S. Department of Commerce, Bureau of the Census, IM 146.

Note: Dollar value reported F. A. S. country of origin - not including freight and duty cost.

Note: Due to rounding, figures may not total exact amount listed.

APPENDIX TABLE 11 PRIMARY BACKING CONSUMED (000's Omitted)

MATERIAL	1975	1976	1977	1978	1979	1980	1981
WOVEN (Pounds)							
Cotton	5,854	5,424	4,380	2,450	2,080	1,506	(D)
Jute	8,976	8,848	9,679	16,346	15,360	4,701	4,294
Paper	2,677	2,849	(D)	—	—	—	—
Man-Made & All Other	6,373	5,694	13,218	12,412	15,795	9,292	*8,638
TOTAL	23,880	22,815	27,277	31,208	33,235	15,499	15,316
TUFTED (Square Yards)							
Cotton	7,430	6,657	1,022	598	(D)	(D)	3,106
Jute	162,038	186,168	205,493	202,338	122,675	30,397	42,346
Paper	(D)	—	—	—	—	—	—
Man-Made & All Other	529,071	628,019	761,300	871,949	1,023,967	858,441	*832,738
TOTAL	698,539	820,844	973,897	1,080,341	1,152,190	926,397	883,774
ALL OTHER (Square Yards)							
Cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Jute	—	—	(D)	(D)	(D)	(D)	(D)
Paper	(D)	(D)	—	—	—	—	—
Man-Made & All Other	9,056	16,267	23,170	22,046	15,547	14,426	**10,496
TOTAL	12,757	19,445	25,902	26,196	18,353	14,999	10,993
TOTAL (Square Yards) NOT AVAILABLE							

APPENDIX TABLE 12 SECONDARY BACKING CONSUMED (000's Omitted)

MATERIAL	1975	1976	1977	1978	1979	1980	1981
WOVEN (Square Yards)							
Jute	(D)	(D)	(D)	(D)	(D)	(D)	(D)
M/M, Woven & Non-W	—	—	—	(D)	—	—	(D)
Cushion - Total	(D)	(D)	(D)	2,373	2,814	(D)	(D)
Foam or High Den	(D)	(D)		(D)	(D)		
Vinyl, Poly, Other	(D)	(D)	(D)	(D)	(D)	—	—
Other	(D)	(D)	(D)	(D)	(D)	—	—
TOTAL	4,001	3,522	(D)	(D)	(D)	1,110	(D)
TUFTED (Square Yards)							
Jute	347,699	414,898	504,177	570,690	583,316	419,637	463,669
M/M, Woven & Non-W	—	—	—	21,395	92,825	183,256	171,045
Cushion - Total	181,998	178,326	206,262	245,620	210,004	161,778	128,250
Foam or High Den	169,498	167,418	192,241	225,460	188,660	104,745	92,834
Vinyl, Poly, Other	12,500	10,908	14,021	20,160	21,344	33,043	35,416
Other	35,927	41,043	54,454	52,027	55,746	44,117	48,465
TOTAL	579,390	650,712	783,497	913,163	1,181,318	824,671	812,245
ALL OTHER (Square Yards)							
Jute	(D)	(D)	—	—	—	—	—
M/M, Woven & Non-W	—	—	—	—	—	—	—
Cushion - Total	(D)	(D)	(D)	(D)	(D)	2,290	2,862
Foam or High Den	(D)	(D)	(D)	(D)	(D)	1,968	2,862
Vinyl, Poly, Other	(D)	(D)	(D)	(D)	(D)	322	—
Other	(D)	(D)	(D)	(D)	(D)	814	—
TOTAL	3,883	2,779	(D)	(D)	(D)	3,104	2,862
TOTAL (Square Yards)							
Jute	358,663	426,880	514,217	580,437	593,898	429,764	464,362
M/M, Woven & Non-W	—	—	—	21,873	92,825	183,874	181,166
Cushion - Total	188,911	185,085	216,735	256,592	219,951	165,871	131,827
Foam or High Den	175,397	171,806	199,147	233,349	195,864	122,498	96,411
Vinyl, Poly, Other	13,514	13,279	17,588	23,243	24,087	43,373	35,416
Other	39,700	45,048	61,442	69,644	75,935	49,376	48,465
TOTAL	587,274	657,013	792,394	928,546	982,609	828,885	825,820

*All Man-Made **Man-Made 3,236

(D) Withheld to avoid disclosing figures of individual companies.

Note: Individual figures do not add up to totals because some data were withheld to avoid problems of disclosure.

Source: U.S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

APPENDIX TABLE 13 HOUSING STARTS/TUFTED ROLL GOODS AND RUGS LARGER THAN 6' x 9'

NEW PRIVATE HOUSING UNITS STARTED — Seasonally Adjusted Annual Rate

Year	MM Units	% Inc. or Dec.
1963	1,634.9	—
1964	1,561.0	- 4.5
1965	1,509.7	- 3.3
1966	1,195.8	- 20.8
1967	1,321.9	+10.5
1968	1,545.4	+16.9
1969	1,499.5	- 3.0
1970	1,469.0	- 2.0
1971	2,084.5	+41.9
1972	2,378.5	+14.1
1973	2,057.3	- 13.5
1974	1,352.5	- 34.3
1975	1,171.4	- 13.4
1976	1,547.6	+32.1
1977	2,001.7	+29.3
1978	2,036.1	+ 1.7
1979	1,760.0	- 13.6
1980	1,312.6	- 25.4
1981	1,101.4	- 16.1

Source: U. S. Department of Commerce, Bureau of the Census, Construction Reports, Housing Starts, C 20-82-1.

*TUFTED ROLL GOODS AND RUGS LARGER THAN 6' x 9' (Incl. Artificial Grass)

Year	Square Yards (000's Omitted)	% Inc. or Dec.
1963	176,362	—
1964	219,703	+24.6
1965	259,885	+18.3
1966	288,710	+11.1
1967	328,602	+13.8
1968	394,747	+20.1
1969	455,341	+15.4
1970	502,280	+10.3
1971	558,565	+11.2
1972	734,308	+31.5
1973	809,435	+10.2
1974	756,386	- 6.5
1975	676,713	- 10.5
1976	743,879	+ 9.9
1977	875,882	+17.7
1978	963,420	+10.0
1979	1,004,450	+ 4.3
1980	870,859	- 13.3
1981	831,073	- 4.6

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

*Mill Shipments